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JUL 22 2004

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AMENDMENT TRANSMITTAL LETTER (LARGE)

Docket No.

191314-1011

Applicant(s): Mueller et al.

Serial No.
10/743,896Filing Date
12/22/2003Examiner
Ho, Allen C.Confirmation No.
1987Group Art Unit
2882

Invention: Portable X-Ray Diffractometer

Commissioner for Patents
 Mail Stop Amendment
 P.O. Box 1450
 Alexandria VA 22313-1450

Transmitted herewith is a First Response in the above-identified application.

The fee has been calculated and is transmitted as shown below

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	21 -	20 =	1	X \$18.00	\$18.00
INDEP. CLAIMS	3 -	3 =	0	X \$43.00	\$
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>			\$145.00	\$
EXTENSION FEE	1 ST MONTH <input type="checkbox"/> 55.00	2 ND MONTH <input type="checkbox"/> 210.00	3 RD MONTH <input type="checkbox"/> 475.00	4 TH MONTH <input type="checkbox"/> 740.00	\$
Other Fees:					\$
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$18.00

No additional fee is required.
 Please charge Deposit Account No. in the amount of
 A check in the amount of to cover the filing fee is enclosed. A duplicate copy of this page is enclosed.
 A Credit Card Payment Form PTO-2038 is attached in the amount of \$18.00.
 The Director is hereby authorized to charge any deficiencies of the above fees or credit any overpayment to Deposit Account No.

Jeffrey R. Kuester, Reg. No. 34,367

7/20/04

Date



CERTIFICATE OF MAILING

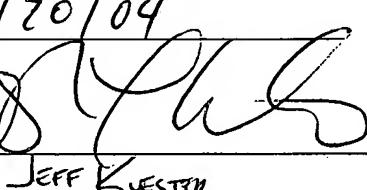
I hereby certify that the below listed items are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

on

7/20/04

Signature -


JEFF KUESTER

In Re Application of:

Mueller et al.

Confirmation No.: 1987

Serial No.: 10/743,896

Group Art Unit: 2882

Filed: December 22, 2003

Examiner: Ho, Allen C.

Docket No.: 191314-1011

For: Portable X-Ray Diffractometer

The following is a list of documents enclosed:

Return Postcard

First Response

Amendment Transmittal Letter (Large)

Form PTO-2038 authorizing payment in the amount of \$18.00 for additional claim fees

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Confirmation No.: 1987
Mueller et al. Group Art Unit: 2882
Serial No.: 10/743,896 Examiner: Ho, Allen C.
Filed: December 22, 2003 Docket No. 191314-1011
For: **PORTABLE X-RAY DIFFRACTOMETER**

FIRST RESPONSE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The non-final Office Action mailed by the U.S. Patent and Trademark Office on April 21, 2004 has been carefully considered. In response thereto, please enter the following amendments and consider the following remarks.

AUTHORIZATION TO DEBIT ACCOUNT

It is believed that no extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to deposit account no. 20-0778.

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